

## **CLAIMS**

Claims 1-14 (cancelled)

15. (previously presented) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;  
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having different modulation methods.

16. (previously presented) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;  
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the

master transceiver comprising a master receiver is configured to receive signals modulated by on-off keying.

17. (previously presented) A network of transceiver node devices comprising:

- a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

- a second slave transceiver configured to communicate with said first slave transceiver;
- and

- a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having variable pulse repetition frequencies.

18. (previously presented) A network of transceiver node devices comprising:

- a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

- a second slave transceiver configured to communicate with said first slave transceiver;
- and

- a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to

receive spread spectrum RF signals having variable pulse repetition frequencies or configured to receive signals having different modulation methods.

19. (previously presented) A network of transceiver node devices comprising:

- a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

- a second slave transceiver configured to communicate with said first slave transceiver;
- and

- a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having variable pulse repetition frequencies or configured to receive signals modulated by on-off keying.

Claims 20-26 (cancelled)